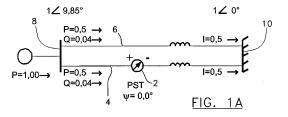
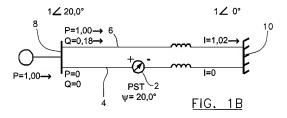
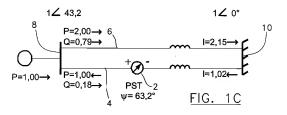
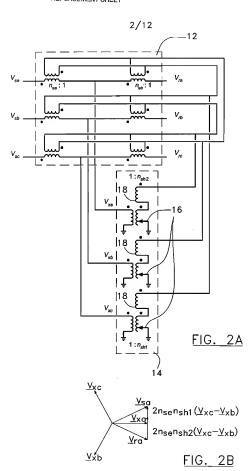
App No.: 10/529,696 Docket No.: 20773/0202695-US0 Inventor: Jacques Brochu et al. Title: METHOD FOR DE-ICING ENERGIZED ELECTRICAL TRANSMISSION LINES REPLACEMENT SHEET







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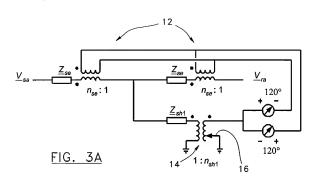
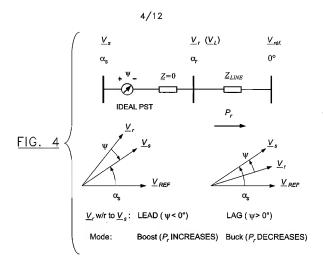
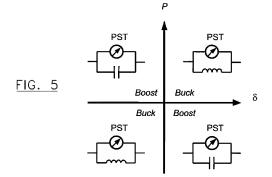


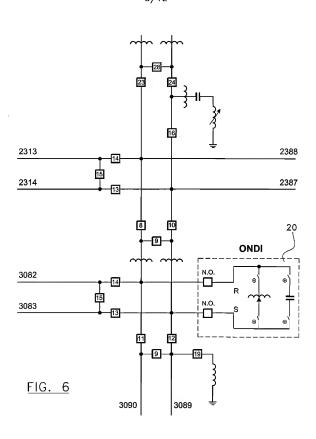
FIG. 3B
$$\underbrace{ \overset{\Psi}{=} \underbrace{Z = 2Z_{se} + \frac{4n^2Z_{sh!}}{1+n^2}}_{} }$$

FIG. 3C $\underline{\underline{z}_0} = 2\underline{\underline{Z}_{se}}$

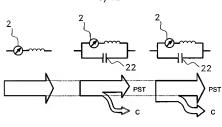
Inventor: Jacques Brochu et al.
Title: METHOD FOR DE-ICING ENERGIZED ELECTRICAL
TRANSMISSION LINES
REPLACEMENT SHEET



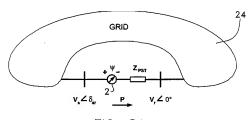




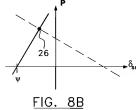
App No.: 10/529,696 Docket No.: 20773/0202695-Inventor: Jacques Brochu et al. TItle: METHOD FOR DE-ICING ENERGIZED ELECTRICAL TRANSMISSION LINES REPLACEMENT SHEET Docket No.: 20773/0202695-US0



<u>FIG. 7</u>



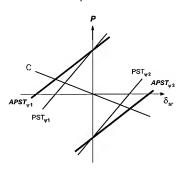
<u>FIG. 8A</u>



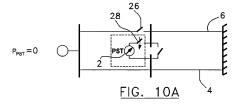
App No.: 10/529,696 Docket No.: 20773/0202695-US0 Inventor: Jacques Brochu et al. Title: METHOD FOR DE-ICING ENERGIZED ELECTRICAL TRANSMISSION LINES

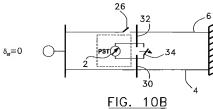
REPLACEMENT SHEET



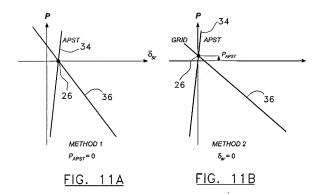


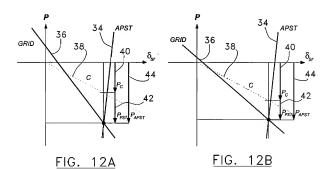
<u>FIG. 9</u>



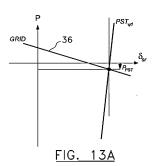


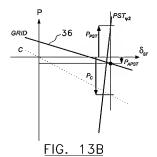
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Title: METHOD FOR DE-ICING ENERGIZED ELECTRICAL TRANSMISSION LINES REPLACEMENT SHEET





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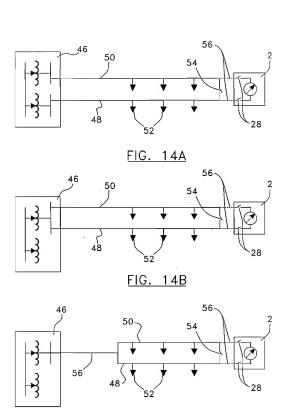


FIG. 14C

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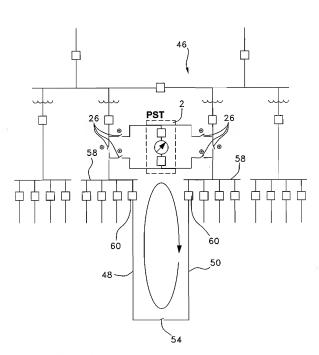


FIG. 15

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	INTERNAL	EXTERNAL	EXTERNAL Sr POWER Sr POWER	Sr POWER
	ANGLE 1	ANGLE ôsr	ANGLE &sr OF THE PST OF THE APST	OF THE APST
	(DEGREES)	(DEGREES)	(MVA)	(MVA)
	09	6,09	142	n. a.
	20	48,8	153	
PST ONLY	-32	-30,5	186	
	09	57,0	251	
	30	27,5	272	
PST IN ASSISTED	53	49,8	266	812
MODE	43	37,9	443	842

16. 16